



P12HE One Part Miniature Photocell

Key Features

- Low power consumption
- 'Zero crossover voltage' switching
- Standard 300 mm lead length
- Durable polycarbonate housing
- Compact dimensions for easier fitting into small spaces
- Suitable for use with LED, halogen or discharge lighting

Applications

- Bulkhead lighting
- Security lighting
- Floodlighting
- Car park lighting

The P12HE one part miniature photocell combines outstanding reliability with low running costs in an easy-to-install, durable, polycarbonate miniature casing.

The compact, miniature casing of the P12HE ensures this photocell can easily be installed into lighting units where space is at a premium, such as in bulkhead light fittings.

With highly accurate positive switching at 70 & 105 lux, the P12HE photocell is ideal for industrial, commercial and residential settings, along with providing lighting control for security, general amenity, tunnel and underpass lighting applications.

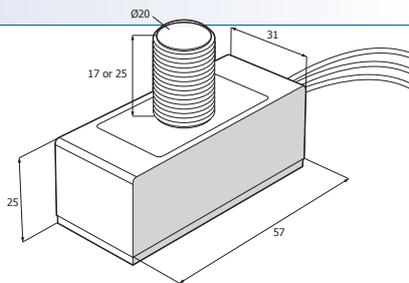


P12HE One Part Miniature Photocell

Technical Specification

Specification	Description
Sensor type	CDS detector
Sensor control	Discrete component
Standard switching level	70 lux 'On', 105 lux 'Off'. Alternative settings can be factory pre-programmed on request
Switching differential	1:1.5
Operating voltage range	220-270 Vac, 50/60 Hz
Maximum lamp load	2 x 250 W inductive (60 µF), 2000 W resistive
Power consumption	0.6 W
Operating temperature range	-20 °C to +60 °C
Ingress protection	IP65 (lens), IP54 (casing)
Alternative switching levels	Factory pre-programmable to meet customer requirements
Options	110-120 Vac units 12, 24 & 48 Vdc units Lead lengths to suit application Lower lens height (17 mm)
Approvals	RoHS compliant. CE marked and compliant with EMC emission and immunity standards Designed to meet the requirements for UMSUG code 94 0001 0000 100
Dimensions L x W x D	57 x 31 x 25 mm Lens diameter 20 mm Lens projection 17 or 25 mm

For product order codes or to discuss project requirements, please contact Thomas & Betts or your local representative.



Product selection

Product	P12HE
Description	One part miniature photocell

Individual product order codes subject to final product specification. Codes can be supplied on request from Thomas & Betts. To discuss project requirements, please contact your local representative or Thomas & Betts on (0)113 281 0600.

Warranty of all Royce Thompson products is subject to the standard Thomas & Betts terms & conditions of sale.



FM09470

Thomas & Betts Ltd

Royce Thompson
Bruntcliffe Lane
Leeds
West Yorkshire LS27 9LL

Tel: +44 (0)113 281 0600
Fax: +44 (0)113 281 0611
roycethompson@tnb.com
www.roycethompson.com



Royce Thompson is the leading photo-electronic lighting controls brand from Thomas & Betts, supporting the street and amenity lighting industry since 1963.

Continuous focus on the provision of high quality, innovative products to the market ensures Royce Thompson photocells offer the best in low energy consumption, reliability and long life - helping you, the customer, achieve optimum performance whilst keeping your carbon footprint to a minimum.